Portland Harbor BHHRA - "draft" modifications to Sept 17 final version



Elizabeth Allen to: Laura Kennedy

Cc: Chip Humphrey, "James McKenna", jworonets, Kristine Koch

01/11/2013 01:42 PM

Laura and Jim,

as we discussed yesterday, I wanted to get the revisions made thus far to you so you can start your review. Primary changes to this since what was agreed to by EPA and LWG on Sept 17 are the description of the derivation of EPCs in fish in Section 3.4.5, and the results of the revised consumption analyses in Section 5.2.6.2. There are other minor modifications as discussed in emails between Laura and me, including the revised description of calculating whole body tissue concentrations using the weighted fraction approach I'd provided to you earlier. The text in Section 5.2.6.2 is incomplete, we'd noted vesterday some curious differences in calculated risk/hazard estimates on a harbor wide scale versus on a river mile. This is owing to the relative difference of POPs, primarly PCB concentrations in whole-body smallmouth bass versus common carp and bullhead, resulting in harbor wide EPCs and thus risk being much greater than when assessed simply on a river mile scale. I haven't finished a cogent description of that issue of yet, but want to get this to you so the LWG can identify any concerns with the revisions sooner rather than later.

In addition, Laura and I discussed yesterday that both EPA and LWG have some concerns with the quality of the Columbia Slough survey and the resulting consumption rate. We're hashing around some ideas to incorporate a brief discussion of the limitations in Section 3, and noting that rates for recreational fishers are presented primarily for risk communication purposes. The best way to do that is still in the "thinking about it" stage.

(b) (6)

, and wasn't sure I'd get back to this today, so here it is...

Elizabeth

2012 9-17 BHHRA Main Text working draft.doc